

## Table ENG-5. - Sanitary Facilities

City of Virginia Beach, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1:					
Acredale	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00		
Hyde	3	Not Rated		Not Rated	
Augusta	2	Not Rated		Not Rated	
Chapanoke	2	Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated	
Nimmo	2	Not Rated		Not Rated	
Portsmouth	2	Not Rated		Not Rated	
Tomotley	2	Not Rated		Not Rated	
2:					
Acredale	40	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00		
Urban land	35	Not Rated		Not Rated	
Tomotley	8	Not Rated		Not Rated	
Chapanoke	6	Not Rated		Not Rated	
Udorthents	6	Not Rated		Not Rated	
Augusta	5	Not Rated		Not Rated	
3:					
Augusta	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
Chapanoke	3	Not Rated		Not Rated	

## Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
3:					
Dragston	3	Not Rated		Not Rated	
Yeopim	3	Not Rated		Not Rated	
Acredale	2	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
Tomotley	2	Not Rated		Not Rated	
4:					
Augusta	40	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
Urban land	35	Not Rated		Not Rated	
Udorthents	3	Not Rated		Not Rated	
Acredale	2	Not Rated		Not Rated	
Chapanoke	2	Not Rated		Not Rated	
Dragston	2	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
Tomotley	2	Not Rated		Not Rated	
Yeopim	2	Not Rated		Not Rated	
5:					
Backbay	80	Very limited		Very limited	
		Flooding	1.00	Ponding	1.00
		Ponding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
Duckston	4	Not Rated		Not Rated	
Nawney	4	Not Rated		Not Rated	
Nimmo	4	Not Rated		Not Rated	
Pocaty	4	Not Rated		Not Rated	
Tomotley	4	Not Rated		Not Rated	

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## Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
6:					
Beaches	85	Not Rated		Not Rated	
Corolla	8	Not Rated		Not Rated	
Newhan	7	Not Rated		Not Rated	
7:					
Bojac	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Depth to saturated zone	0.40		
Munden	5	Not Rated		Not Rated	
State	5	Not Rated		Not Rated	
Tetotum	5	Not Rated		Not Rated	
8:					
Chapanoke	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.68	Seepage	1.00
Acredale	5	Not Rated		Not Rated	
Yeopim	5	Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
9:					
Chapanoke	40	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.68	Seepage	1.00
Urban land	35	Not Rated		Not Rated	
Acredale	5	Not Rated		Not Rated	
Augusta	5	Not Rated		Not Rated	
Tetotum	5	Not Rated		Not Rated	
Yeopim	5	Not Rated		Not Rated	

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## Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
10:					
Corolla	80	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Duckston	10	Not Rated		Not Rated	
Newhan	10	Not Rated		Not Rated	
11:					
Corolla	45	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
Duckston	35	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Newhan	10	Not Rated		Not Rated	
Psammments	10	Not Rated		Not Rated	
12:					
Dorovan	75	Very limited Flooding Ponding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Flooding Depth to saturated zone	1.00 1.00 1.00
Pocaty	15	Not Rated		Not Rated	
Nawney	10	Not Rated		Not Rated	
13:					
Dragston	85	Very limited Depth to saturated zone Filtering capacity	1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 1.00
Augusta	3	Not Rated		Not Rated	
Munden	3	Not Rated		Not Rated	
Nimmo	3	Not Rated		Not Rated	
Tetotum	3	Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated	

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# Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14:					
Dragston	40	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Urban land	35	Not Rated		Not Rated	
Augusta	5	Not Rated		Not Rated	
Munden	5	Not Rated		Not Rated	
Nimmo	5	Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated	
Tetotum	3	Not Rated		Not Rated	
Tomotley	2	Not Rated		Not Rated	
15:					
Duckston	80	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
Backbay	10	Not Rated		Not Rated	
Corolla	10	Not Rated		Not Rated	
16E:					
Fripp	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Slope	1.00	Slope	1.00
Lakehurst variant	5	Not Rated		Not Rated	
Newhan	5	Not Rated		Not Rated	
Pamlico	5	Not Rated		Not Rated	
17:					
Hyde	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Seepage	<0.01
Acredale	5	Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated	

## Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
17:					
Portsmouth	3	Not Rated		Not Rated	
Nimmo	2	Not Rated		Not Rated	
18:					
Lakehurst variant	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Fripp	5	Not Rated		Not Rated	
Newhan	5	Not Rated		Not Rated	
Pamlico	5	Not Rated		Not Rated	
19:					
Munden	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Augusta	3	Not Rated		Not Rated	
Bojac	3	Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated	
State	3	Not Rated		Not Rated	
Tetotum	3	Not Rated		Not Rated	
20:					
Munden	40	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Urban land	35	Not Rated		Not Rated	
Augusta	5	Not Rated		Not Rated	
Bojac	4	Not Rated		Not Rated	
Dragston	4	Not Rated		Not Rated	
State	4	Not Rated		Not Rated	
Tetotum	4	Not Rated		Not Rated	
Udorthents	4	Not Rated		Not Rated	

## Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21:					
Nawney	75	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	0.50
Nimmo	5	Not Rated		Not Rated	
Portsmouth	5	Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated	
Backbay	3	Not Rated		Not Rated	
Rappahannock	3	Not Rated		Not Rated	
Acredale	2	Not Rated		Not Rated	
Dorovan	2	Not Rated		Not Rated	
22E:					
Newhan	80	Very limited		Very limited	
		Slope	1.00	Slope	1.00
Duckston	8	Not Rated		Not Rated	
Corolla	7	Not Rated		Not Rated	
Beaches	5	Not Rated		Not Rated	
23C:					
Newhan	55	Not limited		Very limited	
				Slope	1.00
Corolla	35	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Slope	0.08
Duckston	5	Not Rated		Not Rated	
Psamments	5	Not Rated		Not Rated	
24:					
Nimmo	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		

## Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
24:					
Dragston	3	Not Rated		Not Rated	
Portsmouth	3	Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated	
Acredale	2	Not Rated		Not Rated	
Augusta	2	Not Rated		Not Rated	
Nawney	2	Not Rated		Not Rated	
25:					
Nimmo	40	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
Urban land	35	Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated	
Portsmouth	5	Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated	
Acredale	3	Not Rated		Not Rated	
Augusta	2	Not Rated		Not Rated	
26:					
Pamlico	85	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Lakehurst variant	8	Not Rated		Not Rated	
Fripp	7	Not Rated		Not Rated	
27:					
Pamlico	55	Very limited		Very limited	
		Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00



# Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
27:					
Lakehurst variant	35	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Fripp	10	Not Rated		Not Rated	
28:					
Pocaty	85	Very limited		Very limited	
		Flooding	1.00	Ponding	1.00
		Restricted permeability	1.00	Flooding	1.00
		Ponding	1.00	Depth to saturated zone	1.00
Dorovan	5	Not Rated		Not Rated	
Nawney	5	Not Rated		Not Rated	
Backbay	3	Not Rated		Not Rated	
Udorthents	2	Not Rated		Not Rated	
29:					
Portsmouth	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50		
Tomotley	5	Not Rated		Not Rated	
Acredale	3	Not Rated		Not Rated	
Hyde	3	Not Rated		Not Rated	
Dragston	2	Not Rated		Not Rated	
Nimmo	2	Not Rated		Not Rated	
30:					
Psamments	80	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
		Slope	0.84	Slope	1.00
Corolla	4	Not Rated		Not Rated	
Duckston	4	Not Rated		Not Rated	

## Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
30:					
Fripp	4	Not Rated		Not Rated	
Lakehurst variant	4	Not Rated		Not Rated	
Newhan	4	Not Rated		Not Rated	
31:					
Psammets	40	Very limited		Very limited	
		Depth to saturated zone	1.00	Seepage	1.00
		Filtering capacity	1.00	Depth to saturated zone	1.00
Urban land	35	Not Rated		Not Rated	
Corolla	5	Not Rated		Not Rated	
Fripp	5	Not Rated		Not Rated	
Newhan	5	Not Rated		Not Rated	
32:					
Rappahannock	80	Very limited		Very limited	
		Flooding	1.00	Ponding	1.00
		Ponding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
Nawney	10	Not Rated		Not Rated	
Pamlico	10	Not Rated		Not Rated	
33E:					
Rumford	75	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Slope	1.00	Slope	1.00
Bojac	5	Not Rated		Not Rated	
State	5	Not Rated		Not Rated	
Tetotum	5	Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated	
Yeopim	5	Not Rated		Not Rated	

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## Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
34A:					
State	85	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
		Depth to saturated zone	0.40		
Bojac	5	Not Rated		Not Rated	
Munden	5	Not Rated		Not Rated	
Rumford	3	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
34B:					
State	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50	Slope	0.32
		Depth to saturated zone	0.40		
Bojac	5	Not Rated		Not Rated	
Tetotum	5	Not Rated		Not Rated	
35:					
State	40	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
		Depth to saturated zone	0.40		
Urban land	35	Not Rated		Not Rated	
Bojac	5	Not Rated		Not Rated	
Munden	5	Not Rated		Not Rated	
Rumford	5	Not Rated		Not Rated	
Tetotum	5	Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated	
36:					

## Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
36:					
Tetotum	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
Yeopim	3	Not Rated		Not Rated	
Augusta	2	Not Rated		Not Rated	
Bojac	2	Not Rated		Not Rated	
Chapanoke	2	Not Rated		Not Rated	
Dragston	2	Not Rated		Not Rated	
Munden	2	Not Rated		Not Rated	
State	2	Not Rated		Not Rated	
37:					
Tetotum	40	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
		Restricted permeability	0.50		
Urban land	35	Not Rated		Not Rated	
Augusta	5	Not Rated		Not Rated	
Munden	5	Not Rated		Not Rated	
State	5	Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated	
Bojac	3	Not Rated		Not Rated	
Dragston	2	Not Rated		Not Rated	
38:					
Tomotley	75	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
Acredale	8	Not Rated		Not Rated	

# Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
38:					
Portsmouth	7	Not Rated		Not Rated	
Nimmo	5	Not Rated		Not Rated	
Augusta	2	Not Rated		Not Rated	
Dragston	2	Not Rated		Not Rated	
Nawney	1	Not Rated		Not Rated	
39:					
Tomotley	40	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	1.00
Urban land	35	Not Rated		Not Rated	
Acredale	5	Not Rated		Not Rated	
Augusta	5	Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated	
Nimmo	5	Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated	
40:					
Udorthents	75	Not Rated		Not Rated	
Acredale	5	Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated	
Nimmo	5	Not Rated		Not Rated	
State	5	Not Rated		Not Rated	
Tetotum	5	Not Rated		Not Rated	
41:					
Udorthents	40	Not Rated		Not Rated	
Urban land	35	Not Rated		Not Rated	
Acredale	5	Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated	

# Table ENG-5. - Sanitary Facilities - Continued

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
41:					
Nimmo	5	Not Rated		Not Rated	
State	5	Not Rated		Not Rated	
Tetotum	5	Not Rated		Not Rated	
42:					
Urban land	80	Not Rated		Not Rated	
Udorthents	10	Not Rated		Not Rated	
Acredale	2	Not Rated		Not Rated	
Dragston	2	Not Rated		Not Rated	
Nimmo	2	Not Rated		Not Rated	
State	2	Not Rated		Not Rated	
Tetotum	2	Not Rated		Not Rated	
43:					
Yeopim	85	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone	1.00
Tetotum	6	Not Rated		Not Rated	
Chapanoke	5	Not Rated		Not Rated	
Augusta	2	Not Rated		Not Rated	
State	2	Not Rated		Not Rated	
44:					
Yeopim	40	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone	1.00
Urban land	35	Not Rated		Not Rated	
Augusta	5	Not Rated		Not Rated	
Chapanoke	5	Not Rated		Not Rated	
State	5	Not Rated		Not Rated	

**Table ENG-5. - Sanitary Facilities - Continued**

City of Virginia Beach, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Septic Tank Absorption Fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
44:					
Tetotum	5	Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	